straightjacket. I found Jaeger’s discussion of nature, laws, and God’s activity in creation in this chapter to basically be reading this dichotomy into the biblical texts (this is what many of her sources do as well). The concept of mediation has been sorely neglected in theology and hermeneutics and offers a way out of the false dichotomy.2 Unfortunately, mediated action only gets some glancing mentions in the book (e.g., p. 144). Readers will not find the clarity and insight they seek here.

After a summative discussion of historical sources for the origin and motivation for the modern conception of laws of nature (chapter 2, Part 3), Jaeger’s conclusion is that biblical revelation provided necessary conditions for the development of the modern notion of laws. In agreement with sound scholarship on the question, she acknowledges that biblical revelation does not provide sufficient conditions for the modern notion of laws. Moreover, through exploring aspects of philosophy of science as well as developments in relativity theory, quantum mechanics, and chaos (chapter 3, Part 3), Jaeger concludes that biblical usage of “law” is in terms of “everyday language” and “prescientific” as in premodern science (pp. 206–7). Yet, only those who have not read much in the literature discussing the history of science and religion will find new information on laws of nature in Part 3.

The fundamental difficulty with this book is that despite its overwhelming number of footnotes (three chapters have over 78; two more chapters, over 100; and one chapter even has 238!), it reads as if Jaeger is only first coming to terms with the science-religion literature and only has a narrow feel for what has been explored therein. The best way to read this book is to obtain it from the library and only look at the parts that interest you as this is not a book that readers should purchase.

A final warning: This book was originally written in French which, as with many languages, makes clear the distinction between the use of the second person plural to refer to the self—the so-called royal we—and the third person plural to refer to a group of people. Unfortunately, the translation of Jaeger’s book collapses these different senses together. The translation did her a disservice by not using “I” whenever she referred to herself, or at least substituting “humans,” “people,” or some other elocation for “we” whenever Jaeger refers to people in general. Readers will grow tired of constantly having to ask, “Who is the ‘we’?” page after page.

Notes

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On the Relevance of the Idea of Complementarity
I should like to thank Christopher Rios for his fascinating historical article on the idea of complementarity in discussions about the relation between science and Christian belief (“Claiming Complementarity,” PSCF 63, no. 2 [2011]: 75–84). As an octogenarian, I have had the privilege of meeting a number of the protagonists for this idea.

However, as an engineering scientist, I have often wondered whether both scientists and theologians can forget that their specialist disciplines, such as all human knowledge, concern themselves with models of reality. In engineering, such models are constructed by selecting a small number of parameters which are of special importance for the operation of a device or system. These parameters are constructs of the human mind.

Engineers have constantly to remind themselves that their models are not the actual thing. Models can never be a substitute for a full-scale test. Moreover, useful modeling requires many different models of the same object. Thus a thermodynamic model of a gas turbine does not provide information about the price of gas in its effect on the viability of a project. Engineers who ignore economic models go out of business. This does not seem to me to be due to a philosophical principle of complementarity, but to the distinction between necessary and sufficient conditions in the solution of a problem.

A fortiori even the variety of models cannot elucidate the desirability of building a gas power station which depends on its purpose in generating electricity with its social consequences. Although Bohr’s principle is undoubtedly important in the context of quantum physics, it may not be relevant to discussions between theology and science. It brings to my mind a comment attributed to Francis Bacon on William Gilbert’s book De Magnete, “Gilbert has attempted to construct a world using material insufficient for the pins of a rowing boat.”

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Biblical Longevities: Some Questions and Issues
Walter Makous, “Biblical Longevities: Empirical Data or Fabricated Numbers?” (PSCF 63, no. 2 [2011]: 117–30) presents a novel approach to analyzing Old Testament genealogies. However, his methodology raises a number of significant questions which serve to undermine his conclusions.

Most of these questions arise from his Table 1, a purported listing of all generations from Adam to Manasseh which is used for the longevity plot of Figure 1. In order to be correct, it should contain no duplications or gaps. However, it has both. For instance, ordinals 21 and 22, Ishmael and Isaac, are both sons of Abram, ordinal 20, and thus redundant. Similarly, Aaron and Moses, ordinals